



Industrial Hose

Product Catalog

HALESON - Food Processing Hose and Microban Technology

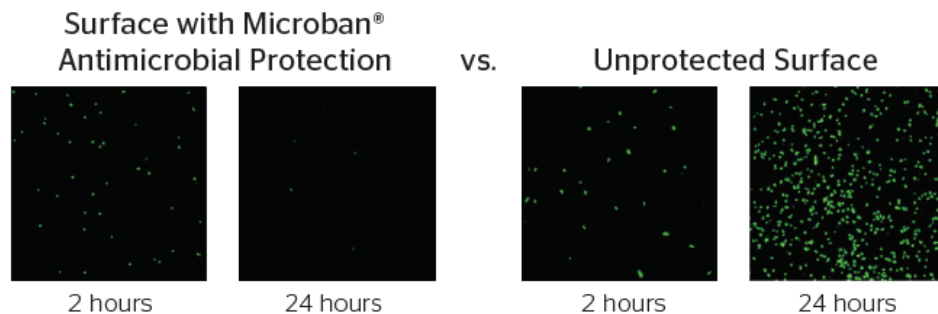


ContiTech

A More Sanitary Way To Do Business



Microban® Efficacy Demonstration



This information is based upon standard laboratory tests and is provided for comparative purposes to substantiate antimicrobial activity for non-public health applications. Microban® technology is not designed to replace good hygiene practices or protect users from disease-causing microorganisms. Antimicrobial action limited to product surface.

Benefits of Microban® in the Cover

Experience an added level of protection that helps boost product

safety while guarding against hose degradation and contamination from the growth of bacteria, mold and mildew. Built into every ContiTech food processing hose during the manufacturing process, Microban® antibacterial technology:

- › Provides around-the-clock, permanent antimicrobial product Protection
- › Keeps hoses cleaner between uses
- › Helps prevent hose deterioration from damaging bacteria, mold and mildew



VINTNER



Product Specification

Application

Vintner is primarily for liquid transfer. For handling in-plant and/or tank truck transfer of wine, beer, potable water and other nonoily, aliquid foodstuffs. The monofilament helix is rust proof and is a crush-resistant alternative to traditional softwall or steel wire reinforced hoses.

Construction Tube

White Chlorobutyl (FDA/USDA compliant and conforms to 3-A Sanitary Standard 18-03)

Cover

Grey EPDM synthetic rubber (wrapped)

Reinforcement

Spiral-plied synthetic fabric with monofilament helix

Temperature Range

-30 to 220

Packaging

100' length, coiled, polywrapped

Branding Spiral

Continental ContiTech Plicord® Vintner™ 250 PSI FDA, 3-A & USDA

Coupling

Refer to the Continental ContiTech Industrial Hose Assembly Manual for crimp specifications.

Non Stock / Sizes

For special production run minimum requirements, see Appendix D.

Order Codes

549-886 (grey)
549-714 (white)
549-009 (red Microban)

VINTNER

ID		OD		Bend Radius		WP		Weight		Vacuum HG		Color
in.	mm	in.	mm	in.	mm	PSI	MPa	lbs./ft.	kg/m	in.	mm	Color
1	25.4	1.62	41.1	3	76	250	1.72	0.71	1.060	27	686	Grey
1 1/2	38.1	2.11	53.6	4	102	250	1.72	0.98	1.460	27	686	Grey
2	50.8	2.68	68.1	7	178	250	1.72	1.38	2.050	27	686	Grey
2 1/2	63.5	3.21	81.5	10	254	250	1.72	1.78	2.650	27	686	Grey
3	76.2	3.81	96.8	12	305	250	1.72	2.80	4.170	27	686	Grey
4	101.6	4.88	124.0	24	610	250	1.72	3.50	5.210	27	686	Grey

EXTREMEFLEX FOOD GRADE



Product Specification

Application

Plicord ExtremeFlex Food Grade is for both dry food transfer and liquid transfer. A high-tech, flexible corrugated hose with pretzel-like agility and proven performance. Best of all, it's available at a non-corrugated price, making it a great value. With ExtremeFlex, there's even more to appreciate:

- Easier to move in and out of tight spaces and around sharp corners.
- Easier to lift and carry, so there are fewer workplace injuries.
- Easier to connect and disconnect, keeping productivity high. highly demanding service of transferring non-oily liquid products in wineries and breweries.

Construction Tube

White Chemivic™ synthetic rubber (FDA/USDA compliant and conforms to 3-A Sanitary Standard 18-03)

Cover

White or gray Chemivic™ corrugated synthetic rubber (wrapped impression)

Reinforcement

Spiral-plied synthetic fabric with galvanized wire helix

Temperature Range

-25F to 212F (-32C to 100C)

Packaging

Coiled & polywrapped

Branding Spiral

CONTITECH PLICORD® EXTREMEFLEX® FOOD GRADE 150 PSI WP

Coupling

Refer to the Continental ContiTech Industrial Hose Assembly Manual for crimp specifications.

Non Stock / Sizes

400' minimum order

Order Codes

549-462 (white)

549-164 (gray)

EXTREMEFLEX FOOD GRADE

ID		OD		Bend Radius		WP		Weight		Vacuum HG	
in.	mm	in.	mm	in.	mm	PSI	MPa	lbs./ft.	kg/m	in.	mm
1	25.4	1.45	36.9	1	25	150	1.03	0.61	0.91	29	737
1 1/4	31.8	1.65	42.0	1.25	32	150	1.03	0.64	0.95	29	737
1 1/2	38.1	1.94	49.3	1.5	38	150	1.03	0.81	1.21	29	737
2	50.8	2.44	62.0	2	51	150	1.03	1.05	1.56	29	737
3	76.2	3.56	90.5	3	76	150	1.03	2.07	3.08	29	737
4	101.6	4.59	116.6	4	102	150	1.03	2.92	4.35	29	737

PLICORD DISTILLERY 150



Product Specification

Application

Plicord Distillery 150 is primarily for liquid transfer. it is used to transfer high proof alcohol and other liquids (ex. whiskey, vodka) up to 100% per volume max. alcohol concentrate.

Construction Tube

UHMWPE (FDA/USDA & 3A compliant, NSF 61 listed material)

Cover

Corrugated grey EPDM (wrapped impression)

Reinforcement

Spiral-plyed fabrics with double galvanized wire helix

Temperature Range

-40°F to 150°F (-40°C to 66°C)

Branding

CONTINENTAL CONTITECH PLICORD DISTILLERY 150 PSI WP FDA 3-A & USDA ##### MADE IN CANADA

Coupling

Contact Fitting Supplier

Order Codes

549-683

PLICORD DISTILLERY 150

ID		OD		Bend Radius		WP		Weight		Vacuum HG	
in.	mm	in.	mm	in.	mm	PSI	MPa	lbs./ft.	kg/m	in.	mm
1	25.4	1.45	36.8	4	102	150	1.03	0.57	0.854	29	737
1 1/2	38.1	1.98	50.4	5	127	150	1.03	0.87	1.288	29	737
2	50.8	2.53	64.3	6	152	150	1.03	1.20	1.789	29	737
3	76.2	3.56	90.4	9	229	150	1.03	1.93	2.877	29	737
4	101.6	4.58	116.4	12	305	150	1.03	2.63	3.920	29	737

BLUE FORTRESS 300 WITH MICROBAN



Product Specification

Application

A high-quality construction for hot water up to 200°F (93°C) cleanup service in food processing plants, dairies, packing houses, bottling plants, breweries, canneries and creameries. Its super abrasion and oil-resistant cover provides maximum protection against the adverse effects of oil and animal fats. The cover of our Blue Fortress® 300 hose incorporates Microban's® antimicrobial built-in product protection. The white tube is comprised of FDA compliant materials.

Construction Tube

White FDA compliant nitrile synthetic rubber

Cover

Blue Carbryn™ synthetic rubber, ARPM class A (high oil resistance) with Microban®

Reinforcement

Spiral synthetic yarn

Temperature Range

-20 to 210

Packaging

Bulk

Branding

Example: Fortress® 300 with Microban® Antimicrobial Product Protection 3/4" 300 PSI WP. Made in USA. ContiTech

Coupling

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Order Codes

569-121

BLUE FORTRESS 300 WITH MICROBAN

ID		OD		WP		Weight	
in.	mm	in.	mm	PSI	MPa	lbs./ft.	kg/m
1/2	12.7	0.90	22.8	300	2.07	0.30	0.45
3/4	19.1	1.19	30.2	300	2.07	0.44	0.65
1	25.4	1.50	38.1	300	2.07	0.57	0.95

SANI-WASH SUPREME 300



Product Specification

Application

Hot water washdown up to 210°F (99°C) cleanup in food processing plants, dairies, packing houses, bottling plants, breweries, canneries, and creameries. The cover incorporates Microban® antimicrobial built-in product protection. The white tube is comprised of FDA compliant materials.

Construction Tube

White FDA compliant EPDM

Cover

White EPDM with Microban®

Reinforcement

Spiral textile reinforcement

Temperature Range

-40°C to 99°C

Branding

Continental ContiTech Sani-Wash Supreme 300 with Antimicrobial Product Protection 300 PSI W.P. ¾" (19.1MM) Made in USA

Order Codes

569-122

SANI-WASH SUPREME 300

ID		OD		WP		Weight		Color
in.	mm	in.	mm	PSI	MPa	lbs./ft.	kg/m	Color
1/2	12.7	0.84	21.3	300	2.07	0.24	0.354	White
5/8	15.9	1.00	25.4	300	2.07	0.31	0.466	White
3/4	19.1	1.17	29.6	300	2.07	0.41	0.615	White
1	25.4	1.47	37.3	300	2.07	0.64	0.948	White

SUPER SANI-WASH 300



Product Specification

Application

An economical hose for hot water washdown up to 200°F (93°C) cleanup in food processing plants, dairies, packing houses, bottling plants, breweries, canneries and creameries. The cover of the Super Sani-Wash washdown hose incorporates Microban's antimicrobial built-in product protection.

Construction Tube

EPDM synthetic rubber

Cover

White EPDM synthetic rubber with Microban

Reinforcement

Spiral textile reinforced

Temperature Range

-40°C to 93°C

Branding

CONTINENTAL CONTITECH SUPER SANI-WASH 300 WITH MICROBAN ANTIMICROBIAL PRODUCT PROTECTION 300 PSI WP 3/4" (19.1 MM) MADE IN USA

Coupling

Contact fitting manufacturer for proper fitting recommendation and coupling procedures

Order Codes

569-021

SANI-WASH 300

ID		OD		WP		Weight	
in.	mm	in.	mm	PSI	MPa	lbs./ft.	kg/m
1/2	12.7	0.84	21.3	300	2.07	0.26	0.390
3/4	19.1	1.17	29.7	300	2.07	0.42	0.630
1	25.4	1.47	37.3	300	2.07	0.62	0.920

ACCESSORIES

DINGA WATER-SAVING GUN



Water-saving gun (option Stainless Steel) / Hot water-saving gun I

Product Specification

Application

The DINGA water-saving gun of ContiTech Schlauch GmbH is extremely robust and has a long service life due to its high-quality brass/stainless steel design. Additionally, it is protected against shock, heat and cold and has a rubber protection against any damage from caustic solutions and acids. The use of this gun helps to save considerable water and energy costs, which, along with its chemical-free cleaning capability, contributes to the protection of the environment. The flow can be adjusted from a fine spray to a concentrated jet. Thus, the gun is suitable for a careful and efficient cleaning for nearly any professional application.

Working pressures up to 363 PSI (25 Bar)*, with adjustable water spray, resistant to caustic solution & acids, flow rate of water 25 l or 6.6 gallons /minute at 5 bar / 72 PSI. Shock-, heat-, and cold-proof. *Hose assemblies are rated to the lowest maximum working pressure of individual hose/fittings/nozzle components.

01 Water-saving gun (option Stainless Steel) / 02 Hot water-saving gun I

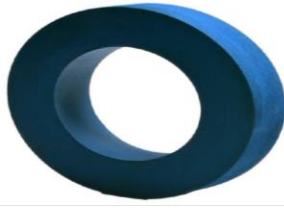
Coupling: Available for hose barb connections 1/2", 3/4" & 1"

Temperature Range

Water temperature max. +50°C / +122°F (Water-saving gun) - Water temperature max. +95°C / +203°F (Hot water-saving gun)

DINGA WATER-SAVING GUN

ID		WP		Weight	
in.	mm	PSI	MPa	lbs./ft.	kg/m
1/2	12.7	363	2.5	2.43	1.10



PROTECTION RING

Product Specification

Application

Rubber Protection Rings, ideal for food processing applications to lift fitting off of floor and to protect both floor & fitting from scratching caused from dropping fitting. The ID of the protection ring is the same size as the OD of the hose or a bit smaller because it has to fit tight to the hose in order to not slide off.

When ordering, please specify the size of the hose and the correct protection ring will be shipped to you.

Construction Tube

Natural Rubber/SBR Blend

Temperature Range

-20°C to 80°C or -4°F to 176°F

PROTECTION RING

ID		OD		Color
in.	mm	in.	mm	Color
3/16	4.8	0.50	13.0	Blue
7/32	5.5	0.75	19.0	Blue
1/4	6.4	1.00	25.0	Blue
1/4	6.4	1.25	32.0	Blue
5/16	7.9	2.00	50.0	Blue
5/16	7.9	2.63	65.0	Blue
5/16	7.9	3.00	75.0	Blue
5/16	7.9	3.13	80.0	Blue
11/32	8.7	1.50	38.0	Blue
11/32	8.7	1.56	40.0	Blue
11/32	8.7	4.00	100.0	Blue
3/8	9.5	2.00	50.0	Blue
15/32	11.9	2.63	65.0	Blue
15/32	11.9	3.00	75.0	Blue
9/16	14.3	3.13	80.0	Blue
19/32	15.1	4.00	100.0	Blue

Application Warning

The products in this catalog have been tested under controlled laboratory conditions to meet specific test criteria. These tests are not intended to reflect the performance of the product or any other material in any specific application, but are intended to provide the user with application guidelines. The products are intended for use by knowledgeable persons having the technical skills necessary to evaluate their suitability for specific applications.

Since Continental ContiTech, Inc. has no control over the number and variety of applications for which its products may be purchased or the conditions under which its products may be used by others, Continental ContiTech assumes no responsibility for performance results and applications. This catalog, however, contains available information to allow the user to determine the product's acceptability and fitness for specific applications. No statement contained herein shall be construed as a license to operate, or as a recommendation or inducement to infringe existing patents or as an endorsement of products of specific manufacturers or systems.

Failure to follow procedures for selection, installation, care, maintenance and storage of hoses may result in the hose's failure to perform properly and may result in damage to property and/or serious injury. Please refer to the General Information section of the catalog for hose care, maintenance and storage information.

All product design, dimensional and general information in this catalog is subject to change without prior notice. Working pressures and other technical information have been prepared from actual test results and other data considered to be reliable. However, Continental ContiTech assumes no responsibility for the accuracy of this information under varied conditions found in field use.

Chemical Hose

Do not use chemical hose at temperatures or pressures above those recommended by the manufacturer. All operators must be thoroughly trained in the care and use of this hose and must, at all times, wear protective clothing. A hose or system failure could cause the release of poisonous, corrosive or flammable material.

Detailed information concerning storage, care and maintenance may be found in the Hose Handbook published by the Association of Rubber Products Manufacturers (ARPM), 1400 K Street, N.W., Washington, D.C. 20005 and in SAE Recommended Practices J1273.

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Continental 



ContiTech. Engineering Next Level

As a division of the Continental Group, ContiTech is a recognized innovation and technology leader in natural rubber and plastics. As an industry partner with a firm future ahead of us, we engineer solutions both with and for our customers around the world. Our bespoke solutions are specially tailored to meet the needs of the market. With extensive expertise in materials and processes, we are able to develop cutting-edge technologies while ensuring we make responsible use of resources. We are quick to respond to important technological trends, such as function integration, lightweight engineering and the reduction of complexity, and offer a range of relevant products and services. That way, when you need us, you'll find we're already there.

Haleson 

Sanitaire / Biopharma / Industriel

Sanitary / Biopharma / Industrial

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The Future in Motion

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